

Title (en)

CATALYST FOR PRODUCING AROMATIC VINYL COMPOUND POLYMER COMPOSITION AND PROCESS FOR PRODUCING AROMATIC VINYL COMPOUND POLYMER USING THE SAME

Title (de)

KATALYSATOR ZUR HERSTELLUNG VINYLAROMATISCHER POLYMERZUSAMMENSETZUNGEN UND VERFAHREN ZUR HERSTELLUNG VON VINYLAROMATISCHEN POLYMEREN UNTER ANWENDUNG DESSELBEN

Title (fr)

CATALYSEUR UTILISE POUR PRODUIRE UNE COMPOSITION POLYMERE A BASE D'UN COMPOSE VINYLIQUE AROMATIQUE, ET PROCEDE PERMETTANT DE PRODUIRE UN POLYMERE A BASE D'UN COMPOSE VINYLIQUE AROMATIQUE AU MOYEN DUDIT CATALYSEUR

Publication

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Application

EP 94921789 A 19940720

Priority

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Abstract (en)

[origin: EP0739906A1] There are disclosed a catalyst for producing an aromatic vinyl compound-based polymer composition which catalyst comprises (A) at least two different transition metal compounds each having one pi -ligand and (B) an ionic compound comprising a noncoordinate anion and a cation and/or an aluminoxane, and (C) a Lewis acid to be used as the case may be; and a process for producing an aromatic vinyl compound-based polymer composition having a high degree of syndiotactic configuration in its aromatic vinyl chains which process comprises polymerizing an (a) aromatic vinyl compound and (b) an olefinic compound and/or a diolefinic compound in the presence of the above catalyst. The catalyst according to the present invention, which has a high activity, can afford a resin composition comprising an aromatic vinyl compound-based polymer having a syndiotactic configuration and a rubbery elastomer, each being uniformly mixed therein, and thus the resin composition can efficiently be produced by the use of the above catalyst.

IPC 1-7

C08F 4/80; **C08F 12/04**

IPC 8 full level

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9503339A1

Cited by

KR100455842B1; KR100455844B1; KR100455843B1; WO0049059A1; EP0884356A3; CN109071582A; US6087447A; KR100501398B1; US6093752A; WO9931176A1; US6552148B1; US6670432B1; WO9810014A1

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